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Borough of
Royal Leamington Spa

ANNUAL REPORT

OF THE

HEALTH OF THE DISTRICT

FOR THE YEAR 1950,

BY

D. LIVINGSTONE, M.B., D.P.H.,

MEDICAL OFFICER OF HEALTH



A. TOMES LTD., PRINTERS, 46, BEDFORD STREET

1951

38, HOLLY WALK,

LEAMINGTON SPA.

July, 1951.

To the Council of the Borough of Royal Leamington Spa.

MR. MAYOR, LADIES AND GENTLEMEN,

I have the honour to present to you my first annual report on the health of the District. The report for 1950 deals with the events of a year when Dr. H. Gibbons Ward held office as your Medical Officer of Health and so I have only indirect knowledge of many of the facts and figures which are recorded in the text.

A lengthy foreword is therefore inappropriate. I wish, however, to thank the members of the Council for their kindness and consideration to me at all times and to acknowledge with gratitude the willing help which I have received both from my predecessor in office and from my colleagues, the officers of this Council.

I am,

Your obedient servant,

D. LIVINGSTONE,

Medical Officer of Health.

Borough of Royal Leamington Spa

A. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Population (estimated) Mid-year, 1950	...	...	...	36,370
Birth Rate (Crude)	...	...	...	16
Birth Rate (corrected)	...	...	...	15.5
Still Birth Rate—Rate per 1,000 population	...	...	...	0.41
Death Rate (Crude)	...	...	...	12.7
Death Rate (corrected)	...	...	...	11.6
Deaths from Diseases and	{	From Sepsis	...	—
Accidents of Pregnancy and Child-birth ...		From Other Causes	...	—
Death Rate of Infants under 1 year of age :—				
All Infants per 1,000 live births	...	...	...	29.3
Legitimate Infants per 1,000 legitimate live births	...	...	...	29.8
Illegitimate Infants per 1,000 illegitimate live births	...	...	...	22.8
Death from Measles (all ages)	...	...	...	—
Deaths from Whooping Cough (all ages)	...	...	...	1

Population.—An increase of 350 over the estimated figure for 1949.

Birth Rate.—This is lower than the average for the past 8 years which is 18.1. and also slightly below the figure for England and Wales (i.e. 15.8).

Death Rate.—The same as that for England and Wales, *viz.* 11.6. The 324 deaths of persons over 65 years are analysed as follows :—

Age at death :	65-75 yrs.	75-85 yrs.	85 and over
	119	147	58

Therefore out of the total of 463 deaths, 139 or 30% occurred below the age of 65 years. Of the remainder 119 or 25% of the total deaths occurred in the age groups 65 to 75, 147 or 31.7% of the total in the group 75-85 years and as many as 58 or 12.6% at ages 85 years or over. One of the latter group of persons died aged one hundred years.

Infant Mortality.—Is now lower than the average for the past 8 years (31.2) and also below that for England and Wales, *viz.* 29.8. 15 stillbirths were registered during the year, 5 males and 10 females, a rate of 0.4 per 1,000 population.

Statistics for the past 8 years and also for England and Wales in 1950 will be seen under Table II.

**PUBLIC HEALTH OFFICERS OF
THE BOROUGH OF ROYAL LEAMINGTON SPA**

Medical Officer of Health :

D. LIVINGSTONE, M.B., D.P.H.

Sanitary Inspectors :

G. H. HAMMOND, M.S.I.A., Cert. for Meat and Food.

A. J. SMITH, M.S.I.A.

W. E. DAVIES, M.S.I.A., M.R.I.P.H.H., (as from 10-3-51).

Clerical Staff (Part Time).

S. BUCKLEY.

Miss B. GIBBONS WARD.

Clerk and Meteorological Observer :

A. H. STALWORTH

Disinfector :

W. JACKSON

Rodent Operative :

P. JACKSON

Public Analyst :

F. G. D. CHALMERS, M.A., B.Sc., F.I.C.

GENERAL PROVISION OF HEALTH SERVICES IN THE BOROUGH

Laboratory Facilities.—The following Examinations were made at the Public Health Laboratory, Coventry during 1950.

	Positive	Negative	Total
SWABS (from throat or nose), examined for Diphtheria	—	8	8
TUBERCULOSIS	—	—	—

Ambulance facilities.—The County Council's Ambulance Depot at Lakin Road, Warwick (Telephone No. Warwick 86) serves the Borough of Royal Leamington Spa.

Hospital services.—General or maternity cases are admitted to the Warneford or Warwick hospitals; Tuberculosis patients go to Hertford Hill Sanatorium and mental illness is treated at the Central Hospital, Hatton. There is also a Maternity Home at 3, The Butts, Warwick, which confines some women resident in the Borough.

SANITARY CIRCUMSTANCES OF THE AREA

Water.—The sources of the Town's water were as described for previous years, supplemented to a small extent by supplies from outside the Borough. Details will be found on page. 6.

1. The water supply has been satisfactory in quality and quantity, although care has been necessary to avoid the waste of water. The water from all sources is hard in nature.

2. Bacteriological and chemical analyses are made monthly of the well waters and weekly of the raw and filtered river water.

3. The water is not excessively plumbo-solvent and no special precautions are taken against this.

4. Chlorination plants are installed at all sources of supply. They have operated satisfactorily and no contamination has been reported.

5. The bulk of the population has piped water available within their houses though it will be realized that many persons who live in rooms have a shared supply. There are still 49 standpipes existing in the Borough which are known to supply 196 houses and serve an estimated population of nearly 800 persons.

CHEMICAL ANALYSIS OF RIVER WATERS

(September, 1950).

				<i>Unfiltered River Water.</i>		<i>Filtered River Water.</i>
Free and Saline Ammonia	...			0.0024	...	Nil
Albuminoid Ammonia	...			0.0224	...	0.0144
Chlorine in Chlorides	...			2.9	...	3.4
Nitrogen in Nitrates	}			0.10	...	0.15
Nitrogen in Nitrites						
Oxygen absorbed from Permanganate at 80° F. in 4 hours	...	...	...	0.229	...	0.114
Total Solids driven at 100° C.				84	...	86
Appearance	...	...	...	Very slightly turbid many small Bright & Clear particles		
Hardness	}	Temporary	...	18.0	...	16.0
		Permanent	...	28.0	...	32.0
		Total	...	46.0	...	48.0
Free Chlorine	...	...	...	Nil	...	0.02
Metals	...	...	...	Absent	...	Absent
Conditions of Filtration Plant—						
Time and date of sample : 8-15 a.m., 6th Sept., 1950.						
Position at which taken : Filter House.						
Rate of Filtration : 19,000 g.p.h.						
Alumina Dose : 3.31 g.p.h.						
Whether or not dosed with chlorine before settling : Yes 0.70 p.h.						
Chlorine dose after filtration : Nil lbs. p.h.						
Residual chlorine after 20 minutes : 0.80 p.p.m.						
Remarks : Good.						
Alkalinity as CO ₃	...	...	...	14.7	...	13.5
dH value	...	...	...	7.9	...	7.3
Dissolved CO ₂	...	...	...	1.16	...	2.52
Nitrite	...	...	...	Trace	...	Absent

GENERAL INFORMATION.

1. New mains laid in 1950 :—				<i>Yards.</i>
Town Water Mains	...	...	...	779
River Water Mains	...	...	...	—

2. Amount of Water pumped in 1950 :—

<i>Corporation Source.</i>				<i>Gallons.</i>
From	Campion Terrace	...	}	341,186,000
„	Lillington	... ..	
„	Brewery Well	... ..	
„	Leicester Lane	... ..	
„	River (unfiltered)	... ..		84,472,000
„	River (filtered)	... ..		155,772,000
<i>Outside Sources.</i>				<i>Gallons.</i>
Taken from Warwick R.D.C. ...				8,111,000
Water supplied to Warwick R.D.C.				7,748,000

3. Daily consumption of Town Water per head 33.83 galls.
 River Water supplied to Residents per head 1.74 „
 River Water supplied annually to Railway Companies
 56,305,000 „

Swimming Baths.—On May 23rd. 1949, the small swimming bath was taken over for medical purposes, so that the figures here given apply, in the main, to the large bath. The total number of those using the baths during the twelve months ended 31st December, 1949, was 104,668. The average attendance per week during the Summer season (May to September) was 3,444, and during the Winter season 962.

Bacteriological and chemical examinations of the swimming bath water were made during the year and proved satisfactory.

Rivers.—Sources of pollution both inside and outside the Borough were kept under observation but no action was required.

Drainage and Sewage.—A full report of the Sewage Disposal Scheme was contained in the report for 1929. During the year, the general character of the sewage effluent was satisfactory.

Closet accommodation.—With the exception of a few cottages at Lillington and Milverton the houses throughout the town are equipped with water closets.

Scavenging.—Approximately 10,318 tons of refuse were collected and received at the Destructor, as compared with 8,587 the previous year.

F. PREVALENCE OF, AND CONTROL OVER INFECTIOUS DISEASE.

Incidence of Commoner Infectious Diseases since 1942.

		Smallpox.	Diphtheria.	Scarlet Fever.	Enteric Fever.	Pneumonia.	Poliomyelitis	Puerperal Pyrexia.
1942	...	—	33	28	1	35	1	29
1943	...	—	29	50	—	32	—	2
1944	...	—	20	58	1	31	—	9
1945	...	—	11	57	—	25	—	2
1946	...	—	12	41	1	53	—	6
1947	...	—	24	25	1	25	—	16
1948	...	—	2	28	—	14	—	3
1949	...	—	2	19	—	16	—	5
1950	...	—	2	14	—	12	5	5

Diphtheria.—It will be noted that the number of cases of this disease has remained very low.

During 1950 299 children under 5, and 59 between 5 and 14 were immunised, a total of 759 for the year. 307 children were given “booster” doses.

This represents a substantial drop as compared with the last year, which may be largely, if not wholly, the result of precautionary measures against Anterior Poliomyelitis.

Scarlet Fever.—Cases numbered 14; all the cases were mild in character.

TUBERCULOSIS.

Age-Periods.	New Cases.				Deaths.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0 ...	—	—	—	—	—	—	—	—
1-5 ...	—	1	1	—	—	—	—	—
5-10 ...	—	1	1	1	—	—	—	—
10-15 ...	1	2	—	—	—	—	—	—
15-20 ...	—	1	—	—	—	1	—	—
20-25 ...	4	5	—	—	—	—	—	—
25-35 ...	4	3	—	1	1	1	—	—
35-45 ...	6	1	—	—	—	—	—	—
45-55 ...	6	—	—	—	2	—	—	—
55-65 ...	1	1	—	—	1	—	—	—
65 & upwards	—	1	—	—	—	—	—	—
Totals ...	22	16	2	2	4	2	—	—

15 cases of Tuberculosis were admitted for treatment at a Sanatorium, and 9 were discharged.

TUBERCULOSIS

	1931	1932	1933	1934	1935	1936	1937
Cases ...	30	37	27	26	32	40	40
Deaths ...	16	19	8	17	9	9	15

	1938	1939	1940	1941	1942	1943	1944
Cases	28	23	43	26	40	45	43
Deaths	8	5	10	23	22	17	22

	1945	1946	1947	1948	1949	1950
Cases ...	42	38	65	25	46	42
Deaths ...	19	11	24	26	18	6

CANCER.

The deaths ascribed to Malignant Disease numbered 75, classified in age groups as follows :—

Age Group.		Male.		Female.		Total.
Under 50	... ..	3	...	3	...	6
50-60	... ..	7	...	10	...	17
60-70	... ..	7	...	8	...	15
70-80	... ..	8	...	18	...	26
80 and over	... ..	4	...	7	...	11
		<hr/>		<hr/>		<hr/>
		29		46		75

About 16% of all deaths were due to this cause.

For the past ten years the deaths have been as follows :

		1941	1942	1943	1944	1945	1946	1947	
		78	79	75	60	66	75	83	
Death Rate	} per 1,000	2.07	2.03	2.08	1.69	1.87	2.15	2.36	
		1948	1949	1950					
		88	82	75					
Death Rate	} per 1,000	2.42	2.26	2.06					

REPORT OF SANITARY INSPECTORS for the Year ending 31st December, 1950

Number of complaints received, 460.

Number of Notices served :—Formal, 15 ; Informal, 253

Number of Notices complied with, 143.

SUMMARY OF SANITARY WORK EXECUTED

Visits in Relation to Notifiable Infectious Diseases ...	32
Visits in Relation to Non-notifiable Infectious Diseases	9
Rooms fumigated	48
Rooms disinfested	111
Steam disinfections	47
Books disinfected	17
Inspections of Factories (including Bakehouses, etc.)	126
,, Food Shops and Premises	548
,, Dairies	128
,, Offensive Trades Premises	8
,, Common Lodging Houses	24
,, Canal Boats	4
Samples of Food and Drugs taken for Analysis ...	141
Samples of Ice Cream taken for bacteriological examination	32
Samples of Milk (Special Designations)	78
Number of Chemical Tests applied to Drains	6

DWELLING-HOUSES

Roofs repaired (house, scullery, W.C. etc.) ...	84
Floors repaired	36
Wall and ceiling plaster made good or renewed (rooms)	139
Rooms re-decorated or limewashed	81
Windows repaired and/or made to open ...	18
Sashcords renewed	7
Firegrates repaired or reset	15
Stairs repaired	6
Flues to Chimneys repaired	3
Walls re-pointed	9

WASH-HOUSES AND SCULLERIES

Coppers repaired	2
Sink Waste-Pipes repaired or renewed ...	10
Paving of yards and passages repaired or renewed	2
Old stone sinks removed	1
New sinks provided	1

DRAINS AND WATER CLOSETS, ETC.

Obtsructed Drains cleansed	...	...	...	23
Drains repaired or reconstructed	...	...	...	22
Broken or foul W.C. Pans renewed	...	...	...	19
W.C.'s repaired or rebuilt	...	...	...	15
W.C. Pans cleansed	...	...	...	12
W.C.'s provided with new flushing apparatus	...	...	...	25
Flushing Apparatus repaired or renewed	...	...	...	15
Additional Gullies provided	...	...	...	3
Rain-water spouting repaired or renewed	...	...	...	43

REFUSE ACCOMMODATION

Number of new Ashbins provided	27
--------------------------------	-----	-----	----

OTHER NUISANCES

Accumulations removed	...	...	...	...	12
Smoke nuisances abated	...	...	...	...	2
Animals so kept as to be a nuisance	...	...	...	...	6
Premises cleansed	...	...	...	...	8

CANAL BOATS

No. of Boats on Register on December 31st, 1950...	Nil
No. of Boats inspected during 1950	4
No. of Boats infringing Acts and Regulations	Nil
No. of persons for whom Cabins were Registered	14
Details of occupation—Male adults	4
„ „ Female adults	4
„ „ Children of school age	1

SHOPS ACTS

85 visits were made during the year. 3 notices were served relating to offences against the provisions of various Shops Acts, two in connection with weekly half-day closing and one in connection with Sunday trading.

RATS AND MICE DESTRUCTION ACT, 1919.

INFESTATION ORDER, 1943.

The systematic survey of premises in the Borough was continued during the year and all infestations discovered were dealt with.

Under the Private Dwelling Scheme, whereby the public is given free service, 48 treatments were made. There were also 9 treatments to Business premises and 36 treatments to Corporation premises, making a total of 93 for the year.

The sewers received two maintenance treatments in which 430 manholes were baited in the first instance and 415 manholes in the second.

ERADICATION OF BED BUGS.—During the year 111 rooms were treated for bed bug infestation. One or other of the proprietary brands of liquid insecticide was used in each case, with, in some instances, the addition of vapour from disinfestator blocks.

HOUSING, 1950.

The usual Table has been completed and is being kept for reference.

Number of houses built in the town during 1950 :—

(a) By the Local Authority	...	54
(b) By private enterprise	... ..	17

The number of houses owned by the Corporation is 1306

„ „ „ Prefabricated Bungalows is ... 113

Houses converted into two or more houses, or flats :—

Originally 19 houses, now 2 houses and 39 flats.

FOOD AND DRUGS ACT, 1938.
THE FOOD STANDARDS.
(GENERAL PROVISIONS) ORDER, 1944.

	Formal.	Informal.	Totals.
Baking Powder ...	—	9	9
Blanc-Mange ...	—	1	1
Butter ...	—	6	6
Bicarbonate of Soda	—	1	1
Creamola... ..	—	4	4
Custard Powder	—	5	5
Coffee	—	4	4
Coffee and Chicory	—	1	1
Curry Powder ...	—	3	3
Cooking Fat ...	—	6	6
Cheese	—	6	6
Camphorated Oil	—	2	2
Chocolate Powder	—	1	1
Cake Mixtures ...	—	3	3
Dessert Powder ...	—	1	1
Doughnuts ...	—	5	5
Egg Powder ...	—	1	1
Gelatine Powder	1	4	5
Glycerine ...	—	2	2
Ginger	—	2	2
Ice Cream ...	—	9	9
Icing (soft) ...	—	1	1
Jelly Crystals ...	—	1	1
Jelly Tablets ...	—	1	1
Liquorice Powder	—	3	3
Mustard ...	—	4	4
Margarine ...	—	6	6
Milk	26	—	26
Pudding Mixture	—	4	4
Raising Powder	—	7	7
Sausages	1	6	7
Sponge Flour ...	—	4	4
	<hr/> 28 <hr/>	<hr/> 113 <hr/>	<hr/> 141 <hr/>

All the samples of milk were found to be genuine.

An informal sample of sausage was deficient of 28% of meat content and was followed up by a formal sample which proved to be deficient of 7.2% of meat. The vendor was cautioned.

One sample of Beef Sausage contained 64 parts per million of Sulphur Dioxide used as a preservative. In order to comply with the Preservative in Food Regulations it should be sold with a declaration to this effect. In the absence of this declaration the vendor was cautioned.

One sample of Egg Powder was unsatisfactory being deficient of 43% of available Carbon Dioxide and one sample of Pudding Mixture was found to be heavily infested with mites. Both these samples were evidently from old stock. The vendor was cautioned and the existing stocks withdrawn from sale.

One sample of Gelatine Powder was unsatisfactory as it bore a misleading label. The vendor was cautioned and the commodity in its present form was withdrawn from sale.

The average fat content of Ice Cream was 9.75%, ranging between 6.3% and 13.95%.

MILK (SPECIAL DESIGNATIONS) REGULATIONS, 1949

Licences issued during the year under the Milk (Special Designations) Regulations, 1936 to 1946 :—

Licences to Pasteurise Milk	...	...	...	...	2
Supplementary Licences to sell Pasteurised Milk	...				2
Dealers' Licences to sell Tuberculin Tested (Pasteurised) Milk	...	...	...	...	17
„ „ to bottle and sell Tuberculin Tested (Pasteurised) Milk	...	...	...	...	2
„ „ to bottle and sell Accredited Milk	...				1

Results of Samples taken under the Milk (Special Designations) Regulations

Class of Milk	No. of Samples	Appropriate Tests	No. of Passed	Samples Failed
Pasteurised	43	Phosphatase	43	Nil
		Methylene Blue	43	Nil
Tuberculin Tested (Pasteurised)	33	Phosphatase	4	1
		Methylene Blue	33	Nil
Accredited	2	Methylene Blue	2	Nil

Results of the Bacteriological Examination of Ice-Cream samples :—

Number of Samples in Grade	1	...	...	10
„ „ „ „	2	...	...	11
„ „ „ „	3	...	...	6
„ „ „ „	4	...	...	5
TOTAL				32

UN SOUND FOOD.

The following amounts of food were examined and either destroyed or used as animal feeding stuffs after inspection had shown that they were unfit for human consumption :—

Miscellaneous	tinned foodstuffs	1,752 tins.
„	packaged „	492 packets.
„	bottled „	120 jars.
Eggs	...	504
Rabbits	...	9
Xmas Puddings	...	190
Dates	...	6 lbs.
Fish	...	4,982 „
Cheese	...	96½ „
Tea	...	100 „
Beef	...	395 „
Veal	...	17 „
Livers (sheeps)	...	36 „
Bacon	...	15 „
Chickens	...	45 „
Cereals	...	7 „
Liquid Eggs	...	23 „
Brawn	...	56 „
Sausages	...	166½ „

METEOROLOGICAL REPORT, 1950.

The recording of Meteorological observations in the Borough has been continued throughout the year.

The climatic station was inspected on September 18th by the Meteorological Office Inspector, who certified that the instruments and their exposure and the manner in which the records were kept, were satisfactory.

I am indebted to Mr. A. H. Stalworth for the following statistics which are the result of his observations.

TABLE OF METEOROLOGICAL OBSERVATIONS, LEAMINGTON SPA, 1950.
Latitude 52° 18' N. Longitude 1° 30' W.

Month.	AIR TEMPERATURES.										EARTH TEMPERATURES				Rainfall.		Sun-shine.
	Means of Barom. 9 a.m.	Means.			Absolute Temperatures.			At 1 foot	At 2 feet	At 4 feet	Direc- of the pre- vailing Wind	Inches	Days	Hours			
		9 a.m.	Max.	Min.	Date	Max.	Date								Min.	Date	
January ...	30.15	38.5	43.9	34.9	55	on 7th	21	on 26th	40.4	...	48.2	S.W.	0.37	7	29.7		
February ...	29.69	42.0	48.9	36.1	60	„ 17th	24	„ 27th	40.1	...	45.8	S.W.	4.05	16	59.4		
March ...	30.11	45.6	53.8	38.5	62	„ 7th	24	„ 1st	44.2	...	47.3	S.W.	1.53	12	109.0		
April ...	29.79	46.9	53.0	38.9	63	„ 7th	29	„ 26th	44.3	...	49.4	N.W.	2.18	18	146.6		
May ...	30.06	53.3	60.1	44.5	72	„ 31st	34	„ 5th, 17th	55.4	...	52.5	N.E.	2.54	11	158.6		
June ...	30.02	63.1	71.2	53.0	85	„ 6th	44	„ 15th	66.9	...	58.7	N.E.	1.79	9	247.4		
July ...	29.94	62.8	66.1	53.6	80	„ 9th	47	„ 26th, 27th	66.3	...	61.1	S.W.	2.54	12	174.1		
August ...	29.86	61.7	68.8	53.0	78	„ 6th	44	„ 14th	64.5	...	61.8	S.W.	2.78	16	164.0		
September	29.85	57.2	63.3	50.8	72	„ 4th	37	„ 27th	59.3	...	60.1	S.W.	2.95	19	116.2		
October ...	30.05	50.2	56.5	44.2	74	„ 5th	29	„ 28th, 29th	52.3	...	56.5	S.W.	0.65	8	83.8		
November...	29.73	42.3	47.6	37.1	56	„ 27th	25	„ 26th	44.1	...	52.1	S.W.	3.59	19	43.3		
December ...	29.79	33.7	38.4	29.4	50	„ 10th	19	„ 6th	36.6	...	47.5	S.W.	1.22	16	34.8		
Totals ...	...	...	...	...	...	...	...	...	...	...	...	...	26.19	163	1366.9
Means ...	29.92	49.8	56.0	42.9	...	...	...	...	51.2	...	53.4	...	...	...	...

METEOROLOGICAL AVERAGES OF
LEAMINGTON SPA.

For the 70 Years, 1881-1950						For the 39 years, 1912 to 1950.
Month.	Means of Barom. 9 a.m.	Air Temperature.		Rainfall.		Sunshine
		Max.	Min.	Inches.	Days.	Hours.
January ...	29.93	44.5	34.2	2.18	16	41.4
February	29.96	45.1	34.5	1.63	13	59.8
March ...	29.97	50.1	36.2	1.66	14	101.4
April ...	29.94	54.8	39.1	1.91	15	134.5
May ...	29.95	62.8	44.7	2.01	13	179.5
June ...	30.03	67.8	49.7	1.58	12	189.7
July ...	29.95	70.2	53.5	2.38	14	168.7
August ...	29.88	69.7	52.9	2.28	14	163.2
September	29.99	64.7	48.9	2.09	12	122.7
October ...	29.96	57.5	42.6	2.29	15	92.8
November	29.88	48.9	37.6	2.33	15	51.5
December	29.91	45.7	36.1	2.22	16	35.9
Means and Totals ...	29.95	56.8	42.5	24.56	169	1341.1

TABLE II.

BOROUGH OF ROYAL LEAMINGTON SPA.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1950 AND PREVIOUS YEARS.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Nett.		Under 1 Year of age.		At all Ages.	
		Number.	Crude Rate.	Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8
1943	35,950	585	16.2	20	34	488	13.5
1944	35,360	664	18.6	15	23	473	13.3
1945	34,200	650	19.0	23	35	459	13.4
1946	34,720	662	19.1	24	36	477	13.7
1947	35,170	687	19.5	18	26	484	13.5
1948	36,210	661	18.3	19	29	461	12.7
1949	36,020	648	18.0	24	37	488	13.5
1950	36,370	581	16.0	17	29.3	463	12.7

VITAL STATISTICS IN ENGLAND AND WALES, 1950.

ENGLAND AND WALES.

*Birth-rate, Death-rate, and Infantile Mortality during the Year 1950.
(Provisional Figures).*

Annual Rate per 1,000 Population.

			Live Births	Still Births.	Deaths.	Deaths under one year to 1,000 Births.
England and Wales	...	...	15.8	0.37	11.6	29.8
126 Great Towns, including London			17.6	0.45	12.3	33.8
148 Smaller Towns	...	...	16.7	0.38	11.6	29.4
London	...	...	17.8	0.36	11.8	26.3

TABLE III.

BOROUGH OF ROYAL LEAMINGTON SPA.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR
1950.

NOTIFIABLE DISEASE.	Number of Cases notified.								Total cases removed to Hospital	Total Deaths.
	At all Ages.	At Ages—Years.								
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.		
Small-pox										
Plague										
Diphtheria (including Mem- branous Croup)	2	.....	1	.....	1	.....			2	.....
Erysipelas	4	.....				3	1			
Scarlet Fever	14	.....	5	9					3	.....
Typhus Fever										
Enteric Fever										
Pneumonia	12	.....	5	2	.....	2	2	1		21
Malaria										
Dysentery	2	.....		1	1				1	.....
Puerperal Pyrexia	5	.....			1	4			4	.....
Meningococcal Infection	1	.....	1							
Acute Poliomyelitis (including Polioencephalitis)	5	.....		1	3	1			4	.....
Encephalitis Lethargica										
Ophthalmia Neonatorum										
Pulmonary Tuberculosis	38	.....	1	4	10	14	8	1		6
Other forms of Tuberculosis	4	.....	1	2	.....	1				
Totals	87	—	14	19	16	25	11	2	14	27

TABLE IV.
BOROUGH OF ROYAL LEAMINGTON SPA.

CAUSES OF DEATH DURING THE YEAR 1950.

CAUSES OF DEATH.	MALES.	FEMALES.
1 Tuberculosis, respiratory	4	2
2 Tuberculosis, other	—	—
3 Syphilitic disease... ..	—	—
4 Diphtheria	—	—
5 Whooping cough	—	1
6 Meningococcal infections	—	—
7 Acute poliomyelitis	—	2
8 Measles	—	—
9 Other infective and parasitic diseases	1	—
10 Malignant neoplasm, stomach	5	11
11 Malignant neoplasm, lung, bronchus ...	6	2
12 Malignant neoplasm, breast	—	7
13 Malignant neoplasm, uterus	—	5
14 Other malignant and lymphatic neoplasms	18	21
15 Leukaemia, aleukaemia	—	3
16 Diabetes	1	3
17 Vascular lesions of nervous system ...	17	41
18 Coronary disease, angina	30	26
19 Hypertension with heart disease ...	14	11
20 Other heart disease	24	70
21 Other circulatory disease	—	15
22 Influenza	3	1
23 Pneumonia	9	12
24 Bronchitis... ..	11	5
25 Other disease of respiratory system ...	—	3
26 Ulcer of stomach and duodenum ...	3	1
27 Gastritis, enteritis and diarrhoea ...	2	1
28 Nephritis and nephrosis	—	1
29 Hyperplasia of prostate	5	—
30 Pregnancy, childbirth, abortion ...	—	—
31 Congenital malformations	3	1
32 Other defined and ill-defined diseases	21	22
33 Motor vehicle accidents	3	1
34 All other accidents	6	7
35 Suicide	—	2
36 Homicide and operations of war ...	—	—
All causes	186	277

